

## PATENT APPLICATION

Our Docket No. 960514.CON

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re App : JOHN R. MOSER, JR. : May 15, 2001  
S.N. : 09/088,163 : Art Unit 3641  
Filed : June 1, 1998 : Examiner E. Miller  
For : REDUCED ENERGY BINDER : PAPER NO. 18  
FOR ENERGETIC COMPOSITIONS

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**Official**AMENDMENT UNDER 37 CFR 1.116

ASSISTANT COMMISSIONER FOR PATENTS

**FAX RECEIVED**

Washington, D.C. 20231

MAY 15 2001

Dear Sir:

**GROUP 3600**

This paper in response to an Official Action dated March 13, 2001, which carries a shortened-statutory period for response of three months.

It is requested that the following amendments be entered:

IN THE CLAIMS

Rewrite claim 38 as follows:

38 (Twice Amended). An improved propellant composition comprising a fuel, reduced energy binder, and an oxidizer, wherein said reduced energy binder includes a cured high molecular weight [polyester polyol] adipate binder polymer including poly(tetramethylene adipate) cured from an uncured hydroxy-terminated adipate prepolymer wherein the molecular weight ( $MW_n$ ) of the uncured prepolymer is above 4000 and an

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PATENTS  
 TRADE MARKS  
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 UNFAIR COMPETITION

May 15, 2001

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 For : REDUCED ENERGY BINDER FOR ENERGETIC COMPOSITIONS

Sir:

Transmitted herewith is an Amendment in response to the Official Action dated March 13, 2001, in the above-identified patent application.

The Commissioner is hereby authorized to charge any fees listed in 37 CFR 1.16 and 1.17 which may be required by this paper or credit any overpayment to Deposit Account No. 08-1265.

No additional fee is required.

Yours very truly,

NIKOLAI, MERSEREAU & DIETZ, P.A.



C. G. Mersereau

Enc.

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**Official**

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MAY 15 2001 76-41

**GROUP 2600**

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**Pages:** 15 (including this page)

**Phone:** Art Unit 3641

**Date:** Tuesday, May 15, 2001

**Re:** Serial No. 09/088,163

**CC:** 2641

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**URGENT**

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